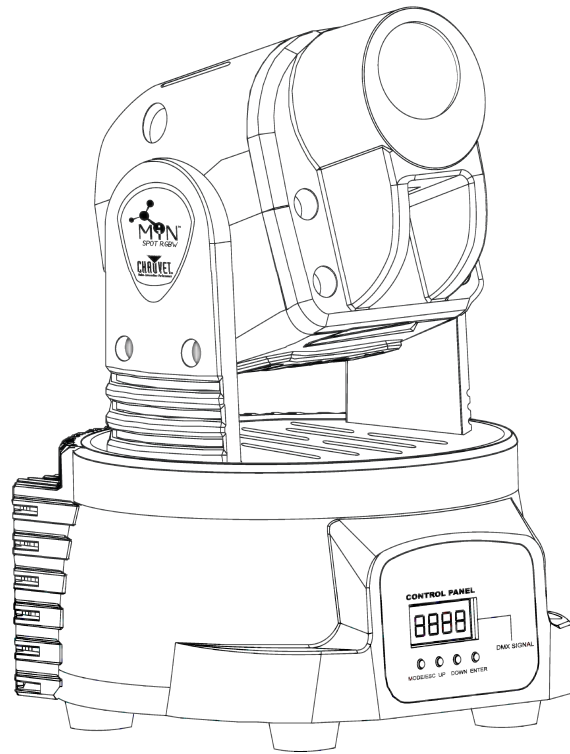




## Snapshot

Use on Dimmer	⊘
Outdoor Use	⊘
Sound Activated	✓
DMX	✓
Master/Slave	✓
115 V / 230 V Switchable	✓
Replaceable Fuse	✓
User Serviceable	⊘
Duty Cycle	⊘

## User Manual



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# 1. BEFORE YOU BEGIN

## What is included

- 1 x MiNSpot™ RGBW
- 1 x Mounting kit (safety attachment eyebolt, 2pcs bolts, 1pc bracket)
- 1 x Power Cable
- 1 x Warranty Card
- 1 x User Manual

## Unpacking Instructions

Immediately upon receiving a fixture, carefully unpack the carton, check the contents to ensure that all parts are present, and have been received in good condition. Notify the shipper immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.




## Manual Conventions

CHAUVET® manuals use the following conventions to differentiate certain types of information from the regular text.

CONVENTION	MEANING
[10]	A DIP switch to be configured
<Menu>	A key to be pressed on the fixture's control panel
1~512	A range of values
50/60	A set of values of which only one can be chosen
<b>Settings</b>	A menu option not to be modified (for example, showing the operating mode/current status)
<b>MENU &gt; Settings</b>	A sequence of menu options to be followed
<b>ON</b>	A value to be entered or selected

## Icons

This manual uses the following icons to indicate information that requires special attention on the part of the user.

ICONS	MEANING
	This paragraph contains critical installation, configuration or operation information. Failure to comply with this information may render the fixture partially or completely inoperative, cause damage to the fixture or cause harm to the user.
	This paragraph contains important installation or configuration information. Failure to comply with this information may prevent the fixture from functioning correctly.
	This paragraph reminds you of useful, although not critical, information.

# Safety Instructions



Please read these instructions carefully. It includes important information about the installation, usage and maintenance of this product.

- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
- Always make sure that you are connecting to the proper voltage, and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.
- This product is intended for indoor use only! To prevent risk of fire or shock, do not expose fixture to rain or moisture.
- Make sure there are no flammable materials close to the unit while operating.
- The unit must be installed in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
- Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse source.
- Secure fixture to fastening device using a safety chain.
- Maximum ambient temperature (Ta) is 104° F (40° C). Do not operate fixture at temperatures higher than this.
- In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.
- Never connect the device to a dimmer pack.
- Make sure the power cord is never crimped or damaged.
- Never disconnect the power cord by pulling or tugging on the cord.
- Never carry the fixture directly from the cord. Always use the hanging/mounting bracket.
- Avoid direct eye exposure to the light source while it is on.

# 2. INTRODUCTION

## Features

- 6 or 14-channel DMX LED moving yoke
- Pan: 540° / tilt: 270°
- RGBW color mixing
- Gobo wheel
  - 9 gobos + open
  - Gobo wheel spin effect
- Variable electronic strobe
- Variable electronic dimmer (0 – 100%)
- Vector speed channel for pan/tilt, RGBW color mixing and color macros
- Built-in movement macros via DMX
- Built-in automated programs via master/slave or DMX
- Built-in sound activated programs via master/slave or DMX

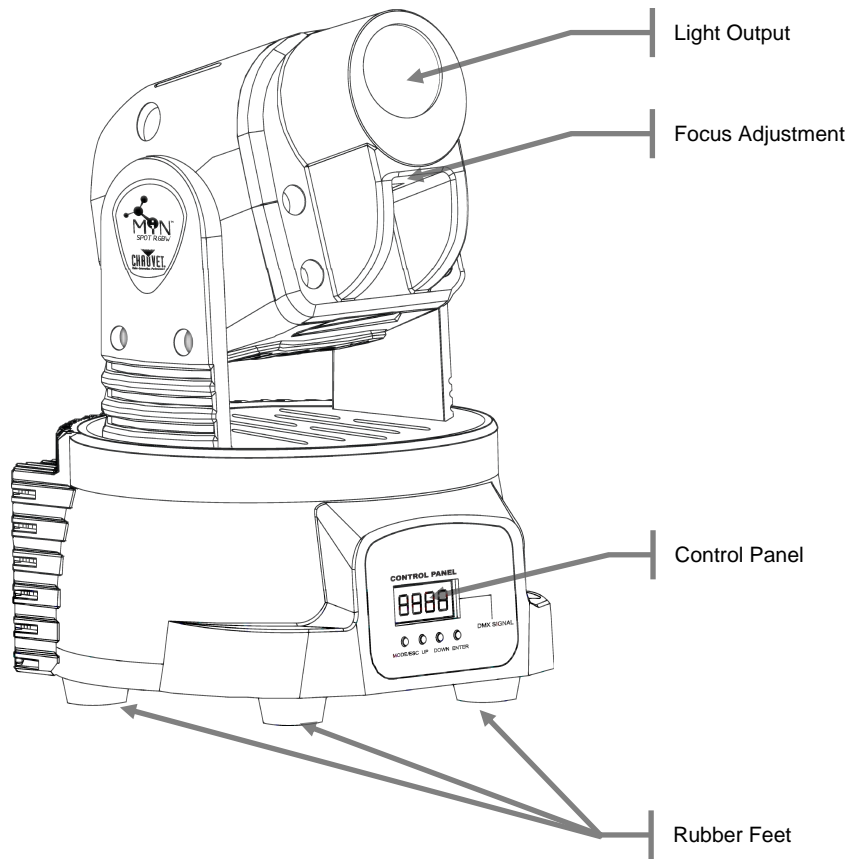
## Additional Features

- Quad-color LED for superior color mixing (3,600 mA total)
- Linkable with Min™ Wash RGBW in stand-alone
- User-selectable basic or advanced operating modes
- User-selectable pan/tilt ranges
  - Pan: 540°, 360°, 180°
  - Tilt: 270°, 180°, 90°
- Reset to factory settings option
- Pan/tilt invert option

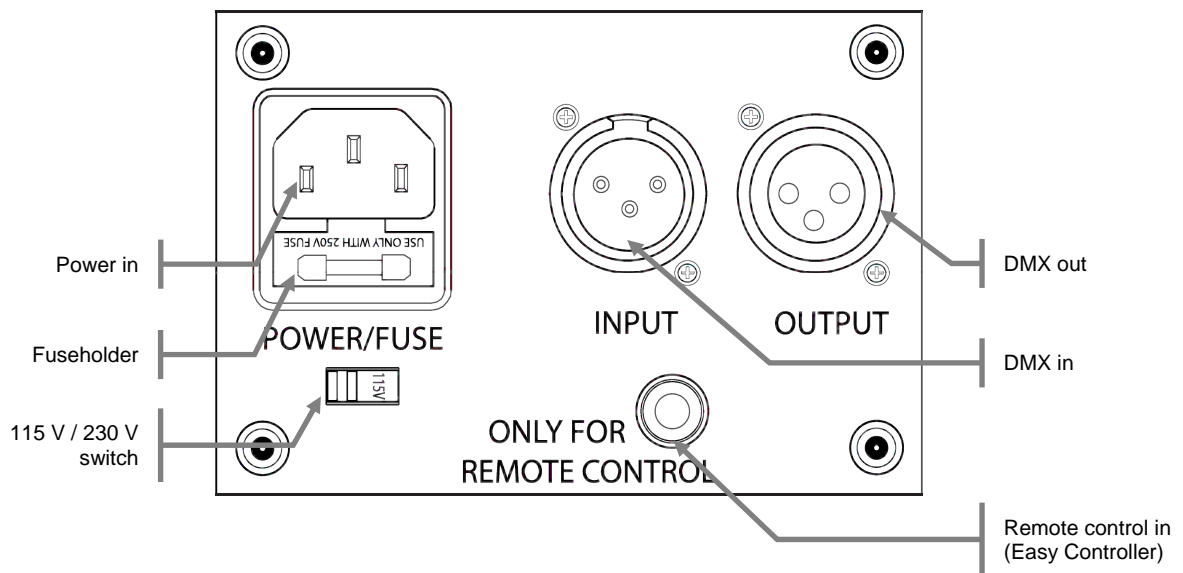
## Options

Easy Controller (CA-9)

# Product Overview



## Back Panel



# 3. SETUP

## AC Power

This fixture runs on 115 VAC, 60 Hz or 230 VAC, 50 Hz. Before powering on the unit, make sure the line voltage to which you are connecting it is within the range of accepted voltages. It may be necessary to change the switch position before plugging in power.



**Always connect the fixture to a switched circuit. Never connect the fixture to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel is used only as a 0 to 100% switch.**

To determine the power requirements for a particular fixture, see the label affixed to the back plate of the fixture or refer to the fixture's specifications chart. A fixture's listed current rating indicates its average current draw under normal conditions.



**Always connect the fixture to a circuit with a suitable electrical ground.**



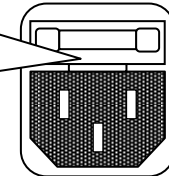
Disconnect the power cord before replacing a fuse and always replace with the same type fuse.



## Fuse Replacement

1. With a flat head screwdriver wedge the fuse holder out of its housing.
2. Remove the damaged fuse from its holder and replace with exact same type fuse.
3. Insert the fuse holder back in its place and reconnect power.

The fuse is located inside this compartment. Remove using a flat head screwdriver.



# Mounting

## Orientation

The MiNSpot™ RGBW may be mounted in a hanging or sitting position. There must be adequate room for ventilation. The structure to which the fixture is mounted must be a level surface, at 180°. This instruction must be followed in order to prevent damage to the fixture.

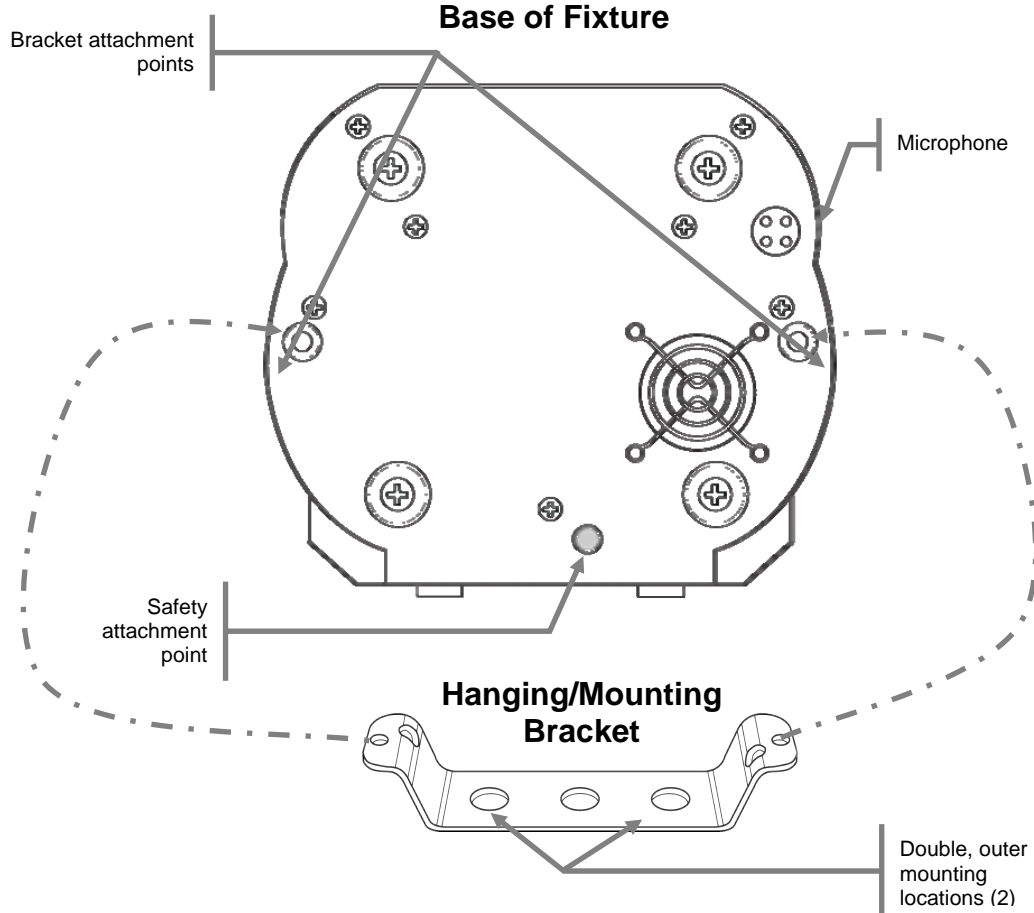


**Do not mount the fixture sideways!**

## Rigging

Be sure that the structure can support the weight of the fixture. Please see the “Technical Specifications” section of this manual for a detailed weight listing. When rigging, consider routine maintenance and control panel access. Please see the following steps for installation.

1. There are (2) screws that are used to attach the hanging bracket to the base of the fixture. Use a 5 mm Allen wrench to install. These should be hand-tightened and installed at the bracket attachment points (2).
2. Install the safety attachment bolt to the base of the fixture, in the location shown below. This should be hand-tightened.
3. Mount the fixture securely. This may be done with a screw, nut and bolt, or a hanging/rigging clamp. The hole in each bracket is 13 mm in diameter.
  - There are 2 different methods of mounting this fixture. There is a single bracket which may be used for hanging the fixture. There are also 4 rubber feet, which are used for floor standing purposes (uplighting). The hanging/mounting bracket should **NOT** be used for floor standing operation.
  - Safety cables must always be used.
  - 2 clamps, one on either end of the bracket, may be used if using two mounting positions, such as two (2) clamps.





# 4. OPERATING INSTRUCTIONS

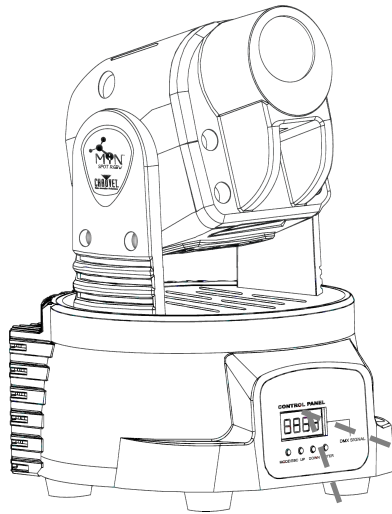
## Configuring the Starting Address

Each fixture requires a starting address from 1–512. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the starting address. For example, a fixture that uses seven DMX channels and is addressed to start on DMX channel 100, will read data from channels: 100, 101, 102, 103, 104, 105 and 106. Choose the starting addresses for each fixture so that the channels used do not overlap. In addition, you should note the starting address selected for future reference.

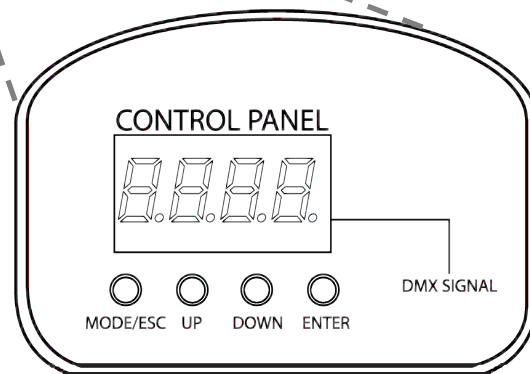
The MiNSpot™ RGBW fixture uses up to 14 DMX channels. If this is your first time using DMX, we recommend reading the “DMX Primer” section in the “Appendix”.

## Control Panel Functions

Access control panel functions using the four buttons located directly underneath the LED display on the control panel.



BUTTON	FUNCTION
<MODE/ESC>	Used to scroll through the current operating mode, as well as back out of the current menu option
<UP>	Used to select increasing advancement in the value
<DOWN>	Used to select decreasing advancement in the value
<ENTER>	Used to select a value and store it to memory



The Control Panel shows the current state of the unit. It is used to select the operating mode, as well as the sub-features. For a detailed layout of the control panel functions, please see the “menu map” section on the following page.

## Menu Map

MAIN FUNCTION	DISPLAYED	DISPLAYED MODE	SUB-SELECTION	INSTRUCTION
DMX Address	D001~512	-	-	Sets the DMX starting address
Operating Mode	NASL	sLoU	-	Master-Slow
	NAFA	FASt	-	Master-Fast
	NStS	SrUn	-	Master-Sound
	NStc	crUn	-	Master-Easy Controller (Remote Control)
	SLAv	Son	-	Slave/DMX
Pan Invert	PAn	-	-	Non-inverted (normal)
	rPAn	-	-	Inverted (for mirrored movements with other fixtures)
Tilt Invert	tiL	-	-	Non-inverted (normal)
	rtil	-	-	Inverted (for mirrored movements with other fixtures)
Display Invert	diS	-	-	Non-inverted (upright operation)
	rdis	-	-	This option will invert the display for hanging the fixture (upside down)
Channel Configuration	14CH	-	-	14-channel DMX operating mode with 16-bit pan/tilt, master dimmer, preset color macros, and RGBW color mixing
	6CH	-	-	6-channel DMX operating mode with 8-bit pan/tilt, master dimmer, and preset color macros
Pan Range	PA54	-	-	Select the maximum range of movement for the pan; 540/360/180 degrees
	PA36	-	-	
	PA18	-	-	
Tilt Range	ti27	-	-	Select the maximum range of movement for the tilt; 270/180/90 degrees
	ti 18	-	-	
	Ti 9	-	-	
System Reset	rEst	-	-	Performs a system reset, useful if the motors (pan/tilt/gobo) have become misaligned
Load Default Settings	LoAd	-	-	Resets all fixture settings to the factory defaults, simultaneously performing a system reset



*The Operating Modes have a mode that is used to select it, and another mode that is used to indicate which mode the fixture is currently operating in. For this reason, both references have been provided above.*

## DMX Operation

This is the operating mode which will allow for control with an external DMX controller. You must set the starting address for this mode. If this is your first time using DMX, then it is recommended that you refer to the “DMX Primer” section in the “Appendix” of this manual.

1. Press **<MENU>** until “DMX Address” appears on the LED screen.
2. Press **<ENTER>**.
3. Using **<UP>** and **<DOWN>**, select the desired DMX address (*d 1-d512*).
4. Press **<ENTER>**.



*The LED indicated on the LED screen will flash rapidly when the fixture is detecting DMX signal.*

## Master/Slave

This is the operating mode which will allow 1 fixture to act as the “master” and control all of the other “slave” fixtures. You must set both the master and the slave(s) fixtures to the correct mode for this operation.

### Master Settings:

1. Connect the fixtures with DMX cables, as shown in the “Fixture Linking” section.
2. Use any one of the standalone modes for the master unit. This includes: **NASL**, **NAFA**, and **NSTS**.

### Slave Settings:

1. Press **<MENU>** until **d 1** appears on the LED screen.
2. Using **<UP>** and **<DOWN>**, set the DMX address to **d 1**.
3. Press **<MENU>** until one of the “Operating Modes” appears on the screen.
4. Using **<UP>** and **<DOWN>**, set the mode to **SLAV** on the LED screen.
5. Press **<ENTER>**.
6. The mode will display as **Son** after 5 seconds of inactivity.



*Only 1 fixture may be set to master. All others must be set to slave.*



*Do not connect a DMX controller to the daisy chain for this operating mode.*

## Standalone Operation

### Master-Slow

This fixture has a preprogrammed, slow chase. This is accessed via the control panel. Please see the instructions below for further explanation.

1. Press **<MENU>** until one of the “Operating Modes” appears on the LED screen.
2. Press **<ENTER>**.
3. Using **<UP>** and **<DOWN>**, select **NASL**.
4. Press **<ENTER>** to confirm settings.
5. The mode will display as **SLOU** after 5 seconds of inactivity.

### Master-Fast

This fixture has a preprogrammed, fast chase. This is accessed via the control panel. Please see the instructions below for further explanation.

1. Press **<MENU>** until one of the “Operating Modes” appears on the LED screen.
2. Press **<ENTER>**.
3. Using **<UP>** and **<DOWN>**, select **NAFA**.
4. Press **<ENTER>** to confirm settings.
5. The mode will display as **FAST** after 5 seconds of inactivity.

### Master-Sound

This fixture has a preprogrammed, sound-activated chase. This is accessed via the control panel. Please see the instructions below for further explanation.

1. Press **<MENU>** until one of the “Operating Modes” appears on the LED screen.
2. Press **<ENTER>**.
3. Using **<UP>** and **<DOWN>**, select **NStS**.
4. Press **<ENTER>** to confirm settings.
5. The mode will display as **SrUn** after 5 seconds of inactivity.

## Easy Controller (CA-9)

This fixture is compatible to receive control from the Chauvet® CA-9 easy controller (remote control). Please see the instructions below for details on this operation.

### Fixture Settings

In order for the fixture to respond to the easy controller, there are certain settings which must be modified. Please see the instructions below for details on this operation.

Master Fixture settings:

1. Press **<MENU>** until one of the "Operating Modes" appears on the LED screen.
2. Press **<ENTER>**.
3. Using **<UP>** and **<DOWN>**, select **NStc**.
4. Press **<ENTER>**.
5. Plug the Easy controller into the fixture's "Remote Control" connection, shown on the back panel drawing on the *Product Overview* section of this user manual.

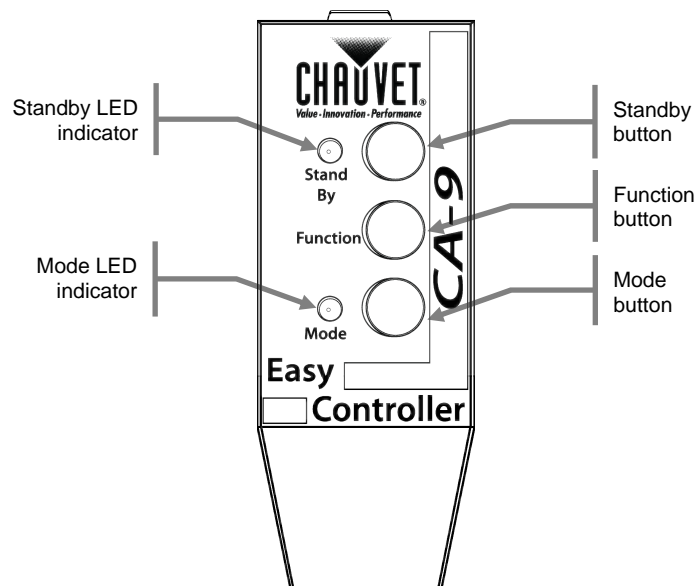
Slave Fixture settings:

1. Press **<MENU>** until **d 1** appears on the LED screen.
2. Using **<UP>** and **<DOWN>**, set the DMX address to **d 1**.
3. Press **<MENU>** until one of the "Operating Modes" appears on the screen.
4. Using **<UP>** and **<DOWN>**, set the mode to **SLAV** on the LED screen.
5. Press **<ENTER>**.

### Operation

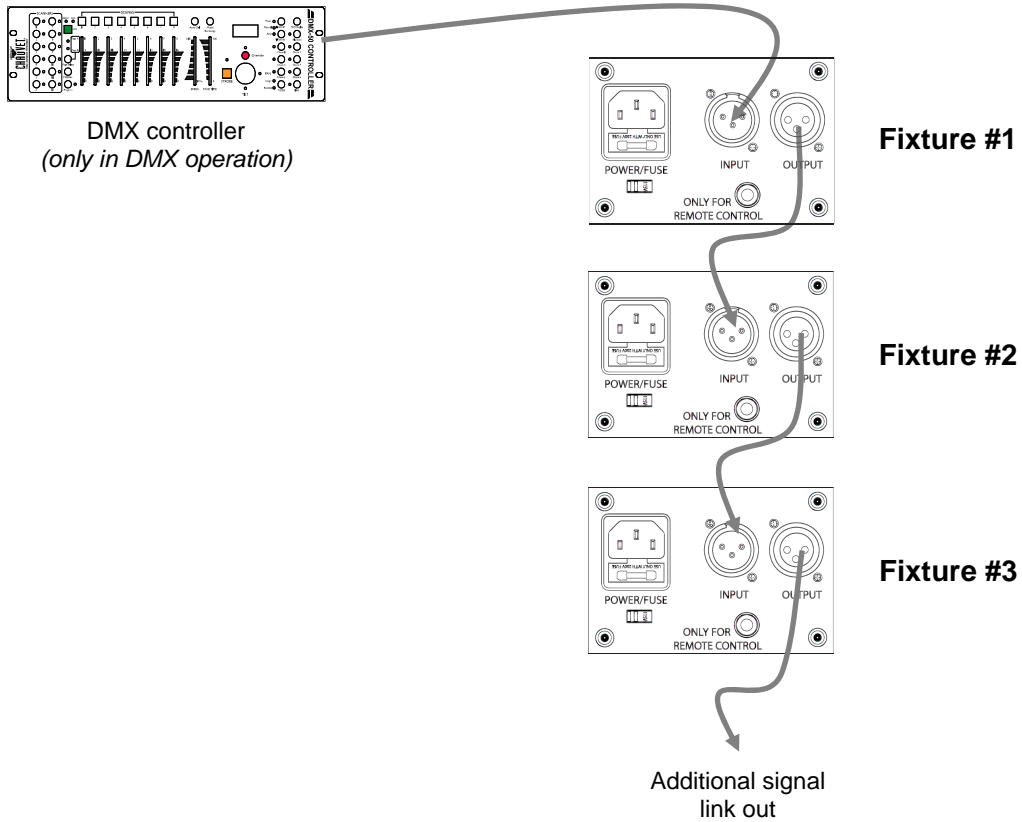
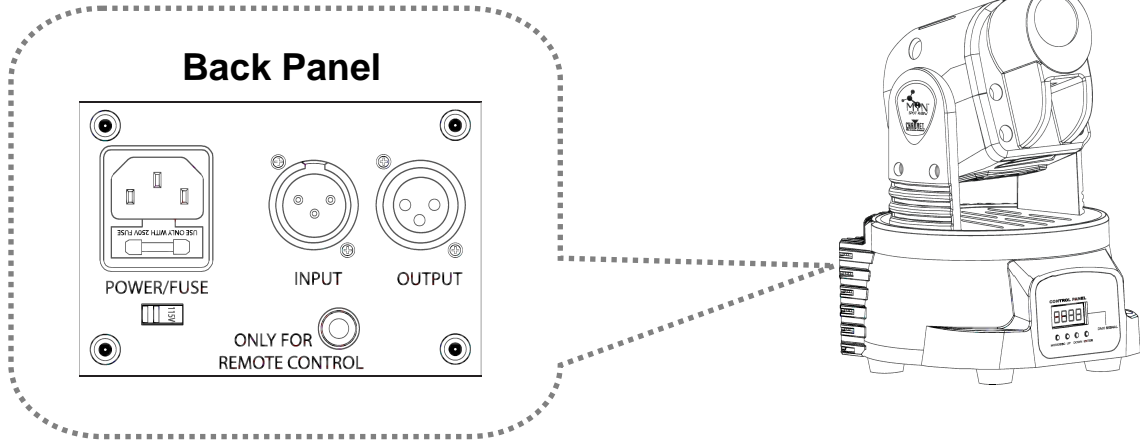
There are multiple functions that the CA-9 may control. Please see the following details on how to operate these.

- **Standby button:** activates/deactivates the BLACKOUT function  
-when the LED is ON, BLACKOUT is activated
- **Function button:** activates/deactivates the strobe function; the strobing rate is fixed  
-there is no LED indicator for this function; strobe will be either ON or OFF
- **Mode button:** switches between automatic and sound-activated chase modes.  
-when the LED is ON, the fixture is in sound-active mode  
-the sound-activated mode uses the microphone on the fixture, NOT on the controller



# Fixture Linking

In order to use this fixture in a DMX or master/slave operation, you must daisy chain using DMX cables to link from one fixture to another. In a master/slave operation, the DMX controller is not connected.



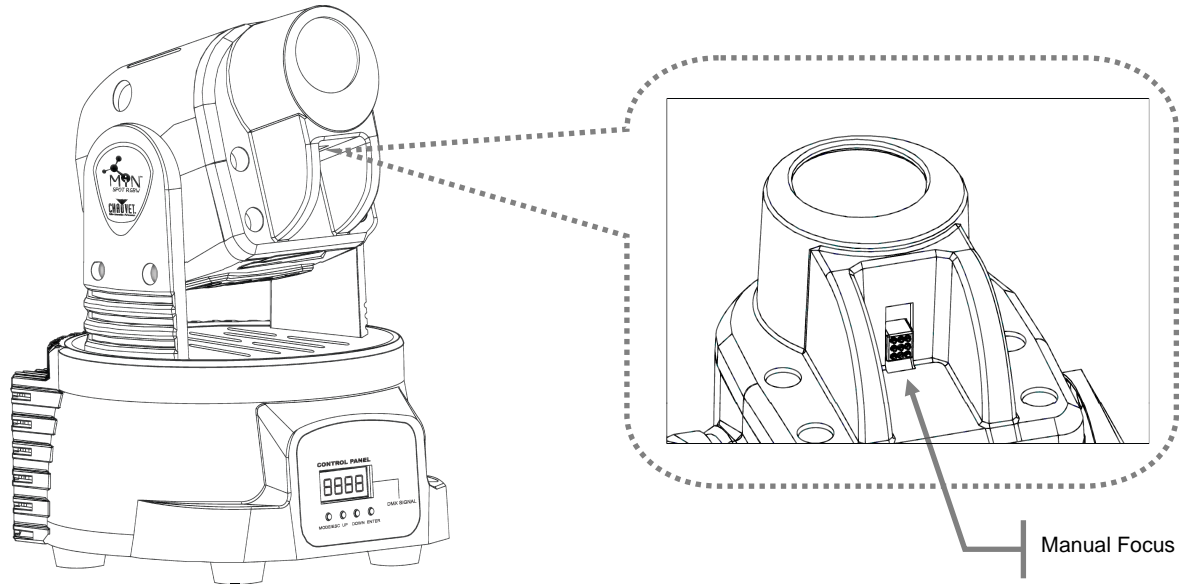
## Manual Focus Adjustment

This fixture has a manual focus adjustment. Please see the instructions below for location of this adjustment on the fixture, as well as details on its use.

1. Locate the manual focus adjustment, using the drawings below.
2. The control must first be pressed, and then moved in one direction or the other, using the bare hand.













***Tools must not be used for this adjustment.***













# DMX Channel Values

## 14-CH Mode

CHANNEL	VALUE	FUNCTION			
1	000 ⇔ 255	<b>Pan (course):</b> 0~540°			
2	000 ⇔ 255	<b>Pan (fine):</b> 0~3°			
3	000 ⇔ 255	<b>Tilt (course):</b> 0~270°			
4	000 ⇔ 255	<b>Tilt (fine):</b> 0~3°			
5	000 ⇔ 255	<b>Pan/Tilt Speed:</b> Fast~slow			
6	000 ⇔ 007	<b>Shutter</b> Closed			
	008 ⇔ 134	Dimmer (100~1%)			
	135 ⇔ 239	Strobe (slow~fast)			
	240 ⇔ 255	Open			
7	000 ⇔ 255	<b>Red:</b> Intensity 0%~100%			
8	000 ⇔ 255	<b>Green:</b> Intensity 0%~100%			
9	000 ⇔ 255	<b>Blue:</b> Intensity 0%~100%			
10	000 ⇔ 255	<b>White:</b> Intensity 0%~100%			
11	000 ⇔ 007	<b>Color Macro</b> No function			
	008 ⇔ 021	RGBW @ full			
	022 ⇔ 035	Red			
	036 ⇔ 049	Green			
	050 ⇔ 063	Blue			
	064 ⇔ 077	White			
	078 ⇔ 091	Cyan			
	092 ⇔ 105	Magenta			
	106 ⇔ 119	Yellow			
	120 ⇔ 133	Yellow- Green			
	134 ⇔ 147	Light Blue			
	148 ⇔ 161	Midnight Blue			
	162 ⇔ 175	Purple			
	176 ⇔ 189	Light Purple			
	190 ⇔ 203	Pink			
204 ⇔ 217	Light Red				
218 ⇔ 231	Orange				
232 ⇔ 255	Color Chase (adjust the speed with CH.12)				
12	000 ⇔ 255	<b>Color Speed:</b> Fast~slow			
13	<b>Auto Program</b>				
	000 ⇔ 007	No function	136 ⇔ 142	Sound Program #1	
	008 ⇔ 022	Auto Program #1	143 ⇔ 157	Sound Program #2	
	023 ⇔ 037	Auto Program #2	158 ⇔ 172	Sound Program #3	
	038 ⇔ 052	Auto Program #3	173 ⇔ 187	Sound Program #4	
	053 ⇔ 067	Auto Program #4	188 ⇔ 202	Sound Program #5	
	068 ⇔ 082	Auto Program #5	203 ⇔ 217	Sound Program #6	
	083 ⇔ 097	Auto Program #6	218 ⇔ 232	Sound Program #7	
	098 ⇔ 112	Auto Program #7	233 ⇔ 255	Sound Program #8	
	113 ⇔ 135	Auto Program #8			
14	<b>Gobo</b>				
	0~12	13~25	26~38	39~51	52~64
					
	65~77	78~90	91~103	104~116	117~127
					
	128~191	CW Gobo wheel rotate (slow~fast)			
	192~255	CCW Gobo wheel rotate (slow~fast)			



## 6-CH Mode

CHANNEL	VALUE	FUNCTION
1	000 ⇔ 255	<b>Pan (course):</b> 0~540°
2	000 ⇔ 255	<b>Tilt (course):</b> 0~270°
3	000 ⇔ 007	<b>Shutter</b> Closed
	008 ⇔ 134	Dimmer (100~1%)
	135 ⇔ 239	Strobe (slow~fast)
	240 ⇔ 255	Open
4	000 ⇔ 255	<b>White:</b> Intensity 0%~100%
5	000 ⇔ 007	<b>Color Macro</b> No function
	008 ⇔ 021	RGBW @ full
	022 ⇔ 035	Red
	036 ⇔ 049	Green
	050 ⇔ 063	Blue
	064 ⇔ 077	White
	078 ⇔ 091	Cyan
	092 ⇔ 105	Magenta
	106 ⇔ 119	Yellow
	120 ⇔ 133	Yellow- Green
	134 ⇔ 147	Light Blue
	148 ⇔ 161	Midnight Blue
	162 ⇔ 175	Purple
	176 ⇔ 189	Light Purple
	190 ⇔ 203	Pink
	204 ⇔ 217	Light Red
	218 ⇔ 231	Orange
232 ⇔ 255	Color Chase	
6	<b>Gobo</b>	
	0~12	
	13~25	
	26~38	
	39~51	
	52~64	
	65~77	
	78~90	
	91~103	
	104~116	
117~127		
128~191	CW Gobo wheel rotate (slow~fast)	
192~255	CCW Gobo wheel rotate (slow~fast)	



*Channel 4 will only function when channel 5 is set to 000 (off).*

# 5. APPENDIX

## DMX Primer

There are 512 channels in a DMX connection. Channels may be assigned in any manner. A fixture capable of receiving DMX will require one or a number of sequential channels. The user must assign a starting address on the fixture that indicates the first channel reserved in the controller. There are many different types of DMX controllable fixtures and they all may vary in the total number of channels required. Choosing a start address should be planned in advance. Channels should never overlap. If they do, this will result in erratic operation of the fixtures whose starting address is set incorrectly. You can however, control multiple fixtures of the same type using the same starting address as long as the intended result is that of unison movement or operation. In other words, the fixtures will be slaved together and all respond exactly the same.

DMX fixtures are designed to receive data through a serial Daisy Chain. A Daisy Chain connection is where the DATA OUT of one fixture connects to the DATA IN of the next fixture. The order in which the fixtures are connected is not important and has no effect on how a controller communicates to each fixture. Use an order that provides for the easiest and most direct cabling. Connect fixtures using shielded two conductor twisted pair cable with three pin XLR male to female connectors. The shield connection is pin 1, while pin 2 is Data Negative (S-) and pin 3 is Data positive (S+).

## General Maintenance

To maintain optimum performance and minimize wear, fixtures should be cleaned frequently. Usage and environment are contributing factors in determining frequency. As a general rule, fixtures should be cleaned at least twice a month. Dust build up reduces light output performance and can cause overheating. This can lead to reduced lamp life and increased mechanical wear. Be sure to power off fixture before conducting maintenance.

- Unplug fixture from power.
- Use a vacuum or air compressor and a soft brush to remove dust collected on external vents.
- Clean all glass when the fixture is cold with a mild solution of glass cleaner or Isopropyl Alcohol and a soft lint free cotton cloth or lens tissue.
- Apply solution to the cloth or tissue and drag dirt and grime to the outside of the lens.
- Gently polish optical surfaces until they are free of haze and lint.

The cleaning of external optical lenses and/or mirrors must be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates. Damp, smoky or particularly dirty surroundings can cause greater accumulation of dirt on the unit's optics. Clean with soft cloth using normal glass cleaning fluid. Clean the external optics at least every 20 days. Clean the fixture at least every 30/60 days.



***Always dry the parts carefully after cleaning them.***



***Never spin a fan using compressed air.***

## Data Cabling

To link fixtures together you must obtain data cables. You can purchase CHAUVET® certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

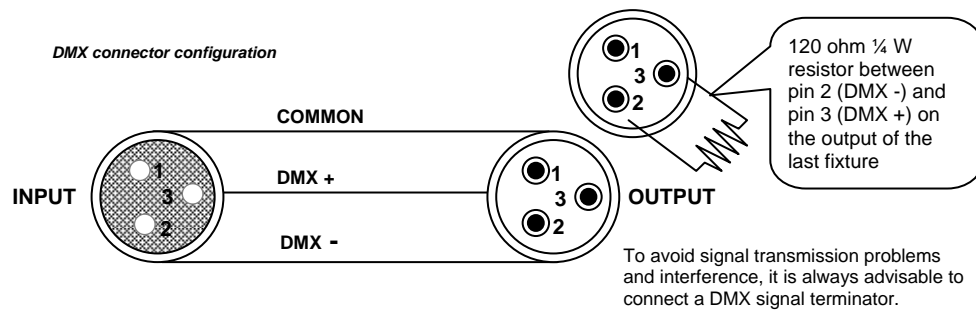
### DMX Data Cable

Use a Belden® 9841 or equivalent cable which meets the specifications for EIA RS-485 applications. Standard microphone cables cannot transmit DMX data reliably over long distances. The cable must have the following characteristics:

Type:	shielded, 2-conductor twisted pair
Maximum capacitance between conductors:	30 pF/ft
Maximum capacitance between conductor and shield:	55 pF/ft
Maximum resistance:	20 ohms/1000 ft
Nominal impedance:	100 ~ 140 ohms

### Cable Connectors

Cabling must have a male XLR connector on one end and a female XLR connector on the other end.



**Do not allow contact between the common and the fixture's chassis ground. Grounding the common can cause a ground loop, and your fixture may perform erratically. Test cables with an ohm meter to verify correct polarity and to make sure the pins are not grounded or shorted to the shield or each other.**

## Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.



**Fixtures on a serial data link must be daisy chained in one single line. To comply with the EIA-485 standard, no more than 32 fixtures should be connected on one data link. Connecting more than 32 fixtures on one serial data link without the use of a DMX optically-isolated splitter may result in deterioration of the digital DMX signal.**

Maximum recommended serial data link distance: 500 m (1640 ft)

Maximum recommended number of fixtures on a serial data link: 32

## 3-Pin to 5-Pin Conversion Chart

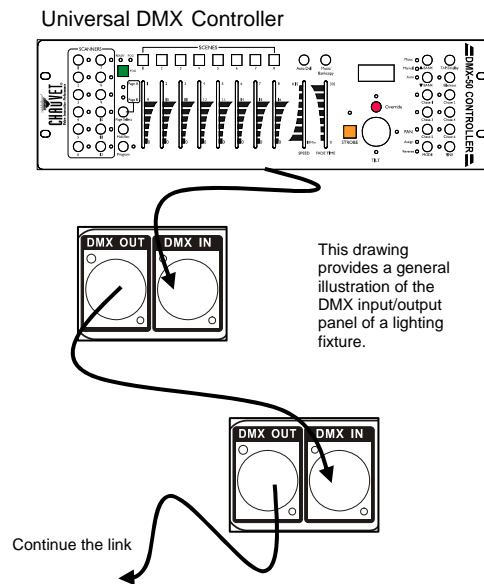


If you use a controller with a 5-pin DMX output connector, you will need to use a 5-pin to 3-pin adapter. The chart below details a proper cable conversion:

3-PIN TO 5-PIN CONVERSION CHART		
Conductor	3-Pin Female (Output)	5-Pin Male (Input)
Ground/Shield	Pin 1	Pin 1
Data ( - ) signal	Pin 2	Pin 2
Data ( + ) signal	Pin 3	Pin 3
Not used		Pin 4
Not used		Pin 5

## Setting up a DMX Serial Data Link

1. Connect the (male) 3-pin connector side of the DMX cable to the output (female) 3-pin connector of the controller.
2. Connect the end of the cable coming from the controller which will have a (female) 3-pin connector to the input connector of the next fixture consisting of a (male) 3-pin connector.
3. Then, proceed to connect from the output as stated above to the input of the following fixture and so



## Setting the Starting Address

This DMX mode enables the use of a universal DMX controller device. Each fixture requires a start address from 1–512. A fixture requiring one or more channels for control begins to read the data on the channel indicated by the start address. For example, a fixture that uses six DMX channels and was addressed to start on DMX channel 100, would read data from channels: 100, 101, 102, 103, 104, and 105. Choose start addresses so that the channels used do not overlap, and note the start address selected for future reference.

If this is your first time addressing a fixture using the DMX control protocol, we suggest jumping to the "Appendix" section and reading the heading "DMX Primer". It contains very useful information that will help you understand its use.

## General Troubleshooting

SYMPTOM	POSSIBLE CAUSE(S)	POSSIBLE ACTION(S)
Breaker/Fuse keeps blowing	<ul style="list-style-type: none"> <li>Excessive circuit load</li> <li>Short circuit along the power wires</li> </ul>	<ul style="list-style-type: none"> <li>Check total load placed on the electrical circuit.</li> <li>Check for a short in the electrical wiring (internal and/or external)</li> </ul>
Device does not power up	<ul style="list-style-type: none"> <li>No power</li> <li>Loose power cord</li> </ul>	<ul style="list-style-type: none"> <li>Check for power on power outlet</li> <li>Check power cord</li> </ul>
Fixture is not responding to DMX	<ul style="list-style-type: none"> <li>Wrong DMX addressing</li> <li>Damaged DMX cables</li> <li>Wrong polarity settings on the controller</li> <li>Loose DMX cables</li> <li>Faulty DMX interface</li> <li>Faulty Main PCB</li> </ul>	<ul style="list-style-type: none"> <li>Check Control Panel and unit addressing</li> <li>Check DMX cables</li> <li>Check polarity switch settings on the controller</li> <li>Check cable connections</li> <li>Replace DMX input</li> <li>Replace Main PCB</li> </ul>
Loss of signal	<ul style="list-style-type: none"> <li>Non DMX cables</li> <li>Bouncing signals</li> <li>Long cable / Low level signal</li> <li>Too many fixtures</li> <li>Interference from AC wires</li> </ul>	<ul style="list-style-type: none"> <li>Use only DMX compatible cables</li> <li>Install terminator as suggested</li> <li>Install amplifier right after fixture with strong signal</li> <li>Install an optically coupled DMX splitter after unit #32</li> <li>Keep DMX cables separated from power cables or black lights</li> </ul>



*If you still have a problem after trying the above solutions, please contact CHAUVET Technical Support.*

## Contact Us

### World Wide

#### General Information

CHAUVET®  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115  
fax: 954.929.5560  
toll free: 800.762.1084

#### Technical Support

CHAUVET®  
3000 North 29<sup>th</sup> Court  
Hollywood, FL 33020  
voice: 954.929.1115 (**Press 4**)  
fax: 954.929.5560 (**Attention: Service**)

#### World Wide Web

[www.chauvetlighting.com](http://www.chauvetlighting.com)

## Returns Procedure

Returned merchandise must be sent prepaid and in the original packing; call tags will not be issued. Package must be clearly labeled with a Return Merchandize Authorization Number (RMA #). Products returned without the RMA # will be refused. Call CHAUVET® and request an RMA # prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to pack fixture properly; any shipping damage resulting from inadequate packaging is the customer's responsibility. As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

CHAUVET® reserves the right to use its own discretion to repair or replace product(s).



***If you are given an RMA #, please include the following information on a piece of paper inside the box:***

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) The RMA #
- 5) A brief description of the symptoms

## Claims

Damage incurred in shipping is the responsibility of the shipper; therefore, the damage must be reported to the carrier upon receipt of merchandise. It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Any other claim for items such as missing component/part, damage not related to shipping, and concealed damage, must be made within seven (7) days of receiving merchandise.

# Technical Specifications

## WEIGHT & DIMENSIONS

Length..... 6.8 in (173 mm)  
Width ..... 6.8 in (173 mm)  
Height ..... 9.8 in (249 mm)  
Weight ..... 8.3 lbs (3.8 kg)

## POWER

Switchable power ..... 115/230 VAC, 50/60 Hz  
Power consumption @ 120 VAC, 60 Hz ..... 66 W (0.6 A) max, 1 A inrush  
Power consumption @ 230 VAC, 50 Hz ..... 61 W (0.3 A) max, 0.8 A inrush  
Fuse..... F 1 A, 250 V

## LIGHT SOURCE

LED..... 1, 13 W (900 mA x4) 50,000 hrs

## PHOTO OPTIC

Luminance @ 1 m ..... 1,540 lux  
Beam Angle ..... 13°

## THERMAL

Maximum ambient temperature..... 104° F (40° C)

## ORDERING INFORMATION

MiNSpot™ RGBW ..... MINSPOTRGBW

## WARRANTY INFORMATION

Warranty ..... 2-year limited warranty

*It's Green Thinking*